



## Environmental and Safety Designs, Inc.

Memphis, TN • Nashville, TN • Raleigh, NC • Pensacola, FL

March 8, 1994

Ms. Beth Brown  
Remedial Project Manager  
EPA Region IV  
345 Courtland St., NE  
Atlanta, GA 30365

**Re: Carrier Air Conditioning Superfund Site  
Collierville, Tennessee  
February 1994, Progress Report**

Dear Ms. Brown:

On behalf of the Carrier Corporation, Environmental and Safety Designs, Inc. (EnSafe) is pleased to submit the following progress report for the month of February, 1994. This report is in accordance with Section XIV of the Unilateral Administrative Order (UAO) for Remedial Design and Remedial Action.

The report contains the actions and activities undertaken pursuant to the UAO at the facility during the month of February, 1994.

If you have any questions or comments, please do not hesitate to call me at (901) 372-7962.

Sincerely,

Environmental and Safety Designs, Inc.

By: Darrell Richardson  
Environmental Engineer

Enclosure

cc: Mr. Nelson Wong, Carrier  
Mr. Merv Atwood, Bechtel  
Mr. Jordan English, TDEC



**FEBRUARY 1994 PROGRESS REPORT  
CARRIER AIR CONDITIONING SUPERFUND SITE  
COLLIERVILLE, TENNESSEE**

**1.0 INTRODUCTION**

This progress report outlines actions and activities undertaken at the facility pursuant to the Unilateral Administrative Order (UAO) for Remedial Design and Remedial Action (RDRA). The report describes all work planned for the next month and includes all plans, reports, deliverables, and procedures completed during the previous month.

**2.0 ACTIVITIES**

Activities during this period include coordination of field work for the installation of the downgradient monitoring well (DGMW), see Section 5.0 of this report.

Per the Remedial Design/Remedial Action Workplan, North Remediation System SVE samples were taken after reactivating the system due to system shutdown. These results, as well as sample results prior to shutting the system off, can be found in Attachment A.

**3.0 WORK COMPLETED**

No deliverable work was scheduled for completion during the month of February.

**4.0 MARCH 1994 SCHEDULE**

Installation of the Downgradient Monitoring Well (DGMW). Expecting comments from EPA on the Draft Preliminary Design Report for SVE at the Main Plant Area (MPA).

Begin the installation of additional SVE wells at the MPA.

**5.0 GENERAL INFORMATION**

A conference call was held between EnSafe, Charlie Till (ESD), and Rodney Wilson (Wilson Well Co.) to discuss materials and methods used during drilling of the DGMW. Several items were discussed and agreed upon between the parties, including; type of drilling mud, type of bentonite, conductor installation, method of installing sand pack, and development procedures.

Scheduled installation of the DGMW was delayed until March by ESD.

## **ATTACHMENT A**

North Remediation Site  
Soil Vapor Extraction System Sample Results

The following table lists analytical results of vapor sampling at the NRS SVE.

NRS SVE SOIL VAPOR CONCENTRATIONS		
	TCE (µg/l)	cis-1,2-dichloroethene (µg/l)
SVE-Deep (12/2/93)*	128	ND
SVE-Deep (2/23/94)**	48	5.8
SVE-Shallow (12/2/93)*	0.6	ND
SVE-Shallow (2/23/94)**	1673	7.6
SVE-Total (12/2/93)*	1.3	ND
SVE-Total (2/23/94)**	340	5

\*System shut down after sampling

\*\*System reactivated, then sampled

Table lists only those constituents that were detected in either sampling event